

08-10-01

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# UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No.	SP01-208	Total Pages	29
First Named Inventor or Application Identifier   Yijia Bao et al.			
Title   TREATMENT OF SUBSTRATES FOR IMMOBILIZING BIOMOLECULES			
Express Mail Label No.	EL689101503US		

Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☐ \* Fee Transmittal Form  
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages (preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R&D
  - Reference to Microfiche Appendix
  - Background of the invention
  - Brief Summary of the invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. § 113) [Total Sheets 

4. ☐ Oath or Declaration [Total Pages 

a. ☒ Newly executed (original or copy)

b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 16 completed)

i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

5. ☐ Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

7. ☒ Assignment Papers (cover sheet & document(s))
8. ☒ 37 C.F.R. § 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
9. ☐ English Translation Document (if applicable)
10. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503) (should be specifically itemized)
14. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
15. ☐ Other:

16. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 08/

Prior application information: Examiner: TBA Group / Art Unit: TBA

For **CONTINUATION or DIVISIONAL APPS only**: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label 22928 or ☐ Correspondence address below

NAME	Thomas R. Beall		
ADDRESS	Coming Incorporated, SP-TI-3-1		
CITY	Coming	STATE	NY
COUNTRY	USA	TELEPHONE	(607) 974-3921
		FAX	(607) 974-3848
Name (Print/Type)	Thomas R. Beall	Registration No. (Attorney/Agent)	40,424
Signature	<i>Thomas R. Beall</i>	Date	August 9, 2001

# FEE TRANSMITTAL for FY 2000

**Complete if Known**

Application Number	
Filing Date	
First Named Inventor	Bao, Yijia
Examiner Name	TBA
Group / Art Unit	TBA
Attorney Docket Number	SP01-208

**TOTAL AMOUNT OF PAYMENT (\$764.00)**

**METHOD OF PAYMENT (check one)**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 03-3325

Deposit Account Name Corning Incorporated

- ☒ Charge Any Additional Fees Required Under 37 C.F.R. §§ 1.16 and 1.17

2. ☐ Payment Enclosed:  
☐ Check ☐ Money Order ☐ Other

**FEE CALCULATION**

**1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Fee Description	Fee Paid
101 710	Utility filing fee	\$710.00
106 320	Design filing fee	
107 490	Plant filing fee	
108 710	Reissue filing fee	
114 150	Provisional filing fee	
<b>SUBTOTAL (1)</b>		<b>(\$710.00)</b>

**2. EXTRA CLAIM FEES**

	Extra Claims below	Fee Paid
Total Claims 23 - 20** = 3	x \$18.00 =	\$54.00
Independent Claims 3 - 3** = 0	x \$80.00 =	\$ 0.00
Multiple Dependent	=	

\*\*or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)	Fee Description
103 18	Claims in excess of 20
102 80	Independent claims in excess of 3
104 270	Multiple dependent claim, if not paid
109 80	** Reissue independent claims over original patent
110 18	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) (\$54.00)**

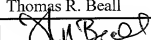
**FEE CALCULATION (continued)**

**3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	Surcharge - late filing fee or oath	
127 50	Surcharge - late provisional filing fee or cover sheet	
139 130	Non-English specification	
147 2,520	For filing a request for reexamination	
112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840	Requesting publication of SIR after Examiner action	
115 110	Extension for reply within first month	
116 390	Extension for reply within second month	
117 890	Extension for reply within third month	
118 1,390	Extension for reply within fourth month	
128 1,890	Extension for reply within fifth month	
119 310	Notice of Appeal	
120 310	Filing a brief in support of an appeal	
121 270	Request for oral hearing	
138 1,510	Petition to institute a public use proceeding	
140 110	Petition to revive - unavoidable	
141 1,240	Petition to revive - unintentional	
142 1,240	Utility issue fee (or reissue)	
143 440	Design issue fee	
144 600	Plant issue fee	
122 130	Petitions to the Commissioner	
123 50	Petitions related to provisional applications	
126 240	Submission of Information Disclosure Stmt	
581 40	Recording each patent assignment per property (times number of properties) _____ x	
146 710	Filing a submission after final rejection (37 C.F.R. § 1.129(a))	
149 710	For each additional invention to be examined (37 C.F.R. § 1.129(b))	
Other fee (specify) _____		
Other fee (specify) _____		
<b>*Reduced by Basic Filing Fee Paid</b>		<b>SUBTOTAL (3) (\$10.00)</b>

**SUBMITTED BY**

**Completed (if applicable)**

Name (Print/Type)	Thomas R. Beall	Registration No. (Attorney/Agent)	40,424
Signature		Date	August 9, 2001



(U.S.)

Attorney Docket No.: SP01-208

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant(s):** Bao, et al

**Serial No.:**

**Filed:**

**For:** TREATMENT OF SUBSTRATES FOR  
IMMOBILIZING BIOMOLECULES

**COMBINED  
CERTIFICATE UNDER  
37 C.F.R. § 3.73(b)  
and  
POWER OF ATTORNEY**

Assistant Commissioner for Patents  
Washington, DC 20231

**CERTIFICATE UNDER 37 C.F.R. § 3.73(b)**

**CORNING INCORPORATED**, a New York corporation, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventor(s) of the patent application identified above. A true copy of the unrecorded Assignment is attached hereto.

The undersigned has reviewed the above referenced assignment of the patent application identified above and, to the best of the undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

(U.S.)

Attorney Docket No.: SP01-208

**POWER OF ATTORNEY BY ASSIGNEE**

CORNING INCORPORATED, the assignee of the full and exclusive right, title and interest in and to the accompanying application for United States Letters Patent entitled **TREATMENT OF SUBSTRATES FOR IMMOBILIZING BIOMOLECULES** and executed by Yijia Bao, Guangshan Li, Nalini Raghavachari, Mingqian He, Xinying Xie, Yuming Xie on 07-27-2001, 07-25-2001, 07-27-2001, 07-25-2001, 07-27-2001, 07-27-2001, respectively, appoints the practitioners associated with the Customer Number provided below (i.e., the practitioners associated with the Patent Department, Corning Incorporated) to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith. Please direct all correspondence to Thomas R. Beall at the address associated with that Customer Number.

Customer Number: 22928



**22928**

PATENT TRADEMARK OFFICE

CORNING INCORPORATED

Date: AUGUST 9, 2001

By

Mark W. Lauroesch  
Division Vice President and  
Director, Intellectual Property Law